

ABSTRACT

A protection circuit for Darlington amplifiers prevents destructive voltage
5 overshoot conditions from occurring. The Darlington amplifier has a pair of transistors
connected in a Darlington configuration. A biasing network is coupled to the transistors
for supplying a bias voltage to the transistors. A pair of de-coupling capacitors is
coupled to the transistors. One of the de-coupling capacitors is coupled to the input of
the Darlington amplifier and the other is coupled to the output. The output capacitor has
10 a larger capacitance than the input capacitor such that excessive voltage is prevented
from developing on the transistors.